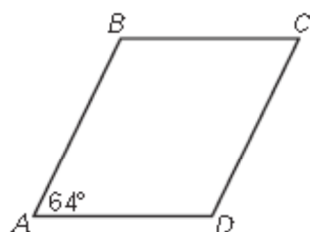


# TARGET C

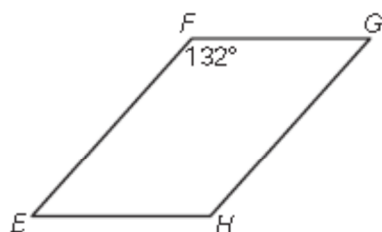
Name \_\_\_\_\_ Date \_\_\_\_\_

Find the measure of the indicated angle in the parallelogram.

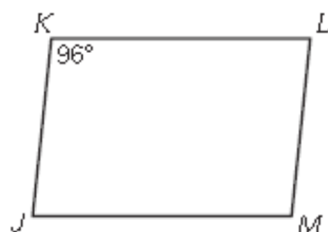
1. Find  $m\angle B$ .



2. Find  $m\angle G$ .

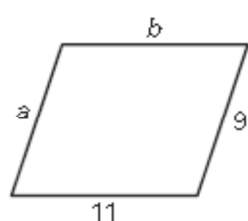


3. Find  $m\angle M$ .

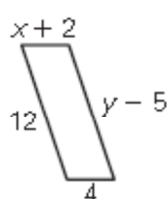


Find the value of each variable in the parallelogram.

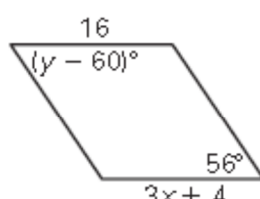
- 4.



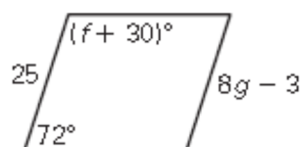
- 5.



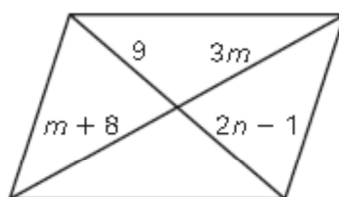
- 6.



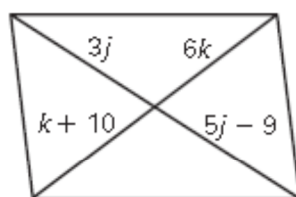
- 7.



- 8.



- 9.



10. In  $\square WXYZ$ ,  $m\angle W$  is 50 degrees more than  $m\angle X$ . Sketch  $\square WXYZ$ . Find the measure of each interior angle. Then label each angle with its measure.

11. In  $\square EFGH$ ,  $m\angle G$  is 25 degrees less than  $m\angle H$ . Sketch  $\square EFGH$ . Find the measure of each interior angle. Then label each angle with its measure.

Find the indicated measure in  $\square ABCD$ .

12.  $m\angle AEB$

13.  $m\angle BAE$

14.  $m\angle AED$

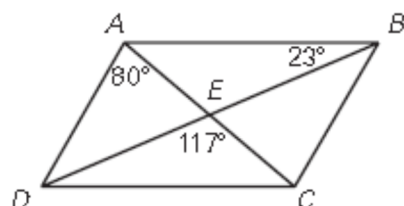
15.  $m\angle ECB$

16.  $m\angle BAD$

17.  $m\angle DCE$

18.  $m\angle ADC$

19.  $m\angle DCB$



## TARGET C ANSWERS

1.  $116^\circ$

2.  $48^\circ$

3.  $96^\circ$

4.  $a = 9$ ;  $b = 11$

5.  $x = 2$ ;  $y = 17$

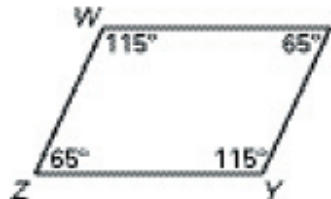
6.  $x = 4$ ;  $y = 116$

7.  $f = 78$ ,  $g = 3.5$

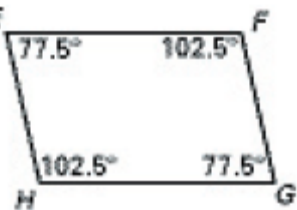
8.  $m = 4$ ,  $n = 5$

9.  $j = 4.5$ ,  $k = 2$

10.  $X = m\angle Z = 65^\circ$



11.  $F = m\angle H = 102.5^\circ$



12.  $117^\circ$

13.  $40^\circ$

14.  $63^\circ$

15.  $80^\circ$

16.  $120^\circ$

17.  $40^\circ$

18.  $60^\circ$

19.  $120^\circ$